Faculty of Technology

Department of Information and Communication Technology

Database Management Systems   **[01 CT 0407]**

Project Abstract

Title:

Lab Component Management

Problem Definition:

Managing any system is one of the highly used feature of DBMS, as management is also there in its name. In our University / Department we have successfully installed the Library Management or Books management systems but we don't have any Lab component management systems for the students who want to issue or return Hardware Components. Looking to this practical scenario I came up with an idea of Lab Component Management System. In which I will try to implement all the features like Issuing, Automatic Mailing, Keeping Records, Individual Transaction Records, Update and Refresh of List and Management of Student's History and many more.

Number of Tables:

More than 6.

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Name and Attribute of Table:

1. Name – String
2. Enrollment No – Integer
3. Component List – String + Integer

More are yet to decide as per the feature to be added.

Queries:

1. Query to add a student into database.
2. Fetching total numbers of student from database
3. Displaying total number of components and their quantity.
4. Decrement of current number of components at the time of issuing

Still features will be added.

Name of Group Members

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